NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
SEPTEMBER 1981

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1981[b]	August 1981[c]	September 1980[c]	August 1981	September 1980
TOTAL	4306.1	4296.0	4300.6	.2	.1
MANUFACTURING	1290.9	1284.7	1290.8	1.3	.7
Durable Goods[e]	917.7	908.2	908.0	1.3	1.1
Lumber and wood products	13.8	13.5	13.5	.2	.7
Furniture and fixtures	15.4	15.1	15.1	2.1	1.6
Household furniture	7.3	7.1	6.8	3.1	7.6
Stone, clay, and glass products	64.6	64.0	64.8	- .1	- 1.2
Glass and glassware, pressed or blown	15.1	14.8	15.2	2.1	- .2
Structural clay products	6.7	6.7	6.7	.3	- .4
Pottery and related products	6.7	6.7	7.1	.2	- 5.1
Primary metal industries	148.4	140.5	131.9	1.4	8.0
Blast furnaces and basic steel products	73.8	74.0	67.2	- .6	9.6
Iron and steel foundries	29.4	27.8	26.6	5.4	10.3
Nonferrous rolling and drawing	20.4	19.6	19.7	4.0	3.4
Nonferrous foundries	10.4	10.4	10.3	- .1	1.1
Fabricated metal products	155.2	153.4	153.0	1.1	1.3
Cutlery, hand tools, and hardware	13.4	13.2	13.4	1.5	.1
Plumbing and heating, except electric	6.0	5.9	5.6	1.5	6.8
Fabricated structural metal products	34.1	34.7	37.6	.6	- 7.2
Screw machine products, bolts, etc.	11.0	11.0	10.5	- .1	4.3
Metal forgings and stampings	44.2	42.6	41.9	3.3	5.0
Machinery, except electrical	205.7	204.1	208.5	.8	- 1.3
Construction and related machinery	26.1	25.8	25.4	1.0	2.4
Metalworking machinery	54.2	54.0	57.3	.4	- 5.3
Special industry machinery	25.7	25.0	34.1	- 1.8	- 4.5
General industrial machinery	38.1	37.7	38.8	1.0	- 1.8
Electric and electronic equipment	107.3	106.6	105.1	.7	2.1
Electrical industrial apparatus	26.5	25.1	24.1	1.5	5.8
Household appliances	21.9	22.1	19.4	- .8	13.1
Electric lighting and wiring equipment	20.4	20.2	20.3	1.0	.3
Communication equipment	11.7	11.7	12.7	.1	- 8.2
Transportation equipment	138.0	135.0	141.5	3.7	- 2.5
Motor vehicles and equipment	92.0	87.9	92.5	5.1	- .6
Aircraft and parts	36.5	36.2	38.7	.8	- 5.7
Instruments and related products	21.3	21.2	20.0	.3	6.6
Measuring and controlling devices	12.9	13.0	12.0	- .6	7.2
Nondurable Goods[f]	381.2	376.5	382.8	1.3	- .4
Food and kindred products	73.9	71.8	76.6	3.0	- 3.5
Meat products	11.5	11.6	12.3	- .8	- 6.2
Dairy products	11.8	11.3	12.2	4.4	- 2.9
Bakery products	11.3	11.2	12.8	1.3	- 11.7
Beverages	11.1	11.2	11.4	- 1.1	- 2.6
Textile mill products	5.2	5.1	5.2	2.0	- .5
Apparel and other textile products	17.3	17.0	17.1	2.0	1.2
Paper and allied products	39.2	38.9	38.6	.9	1.5
Paper mills, except building paper	10.3	10.3	10.1	- .3	2.5
Misc. converted paper products	11.8	11.8	11.9	.3	- .6
Paperboard containers and boxes	13.6	13.4	13.3	1.7	1.8
Printing and publishing	67.7	67.1	67.7	.9	.0
Newspapers	20.0	19.8	19.8	.7	.9
Commercial printing	26.4	26.0	26.6	1.4	- 1.0
Chemicals and allied products	68.9	68.8	67.8	.1	1.6
Industrial inorganic chemicals	13.2	13.2	13.0	.2	1.7
Plastics materials and synthetics	9.8	9.7	9.7	.6	1.0
Petroleum and coal products	13.1	13.0	13.6	.1	- 4.2
Rubber and misc. plastics products	90.1	88.9	90.2	1.3	- .1
Tires and inner tubes	24.1	24.0	25.9	.4	- 6.7
Miscellaneous plastics products	44.0	43.6	44.0	.9	.0
Leather and leather products	5.7	5.7	5.7	- .8	- 1.3

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
SEPTEMBER 1981

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1981[b]	August 1981	September 1980	Sept. 1981[b]	Aug. 1981[b]	Sept. 1980[b]	Sept. 1981[b]	Aug. 1981[b]	Sept. 1980[b]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$ [illegible]	$ [illegible]	$ 365.03	41.[illegible]	41.[illegible]	41.[illegible]	$ 8.66	$ 8.69	$ 8.74
Durable Goods[c]	[illegible]	[illegible]	378.58	40.[illegible]	41.0	40.8	9.39	9.32	9.02
Lumber and wood products	266.[illegible]	[illegible]	241.54	39.[illegible]	39.2	39.1	6.72	6.66	6.18
Furniture and fixtures	[illegible]	[illegible]	280.66	38.[illegible]	38.7	38.5	7.10	7.08	6.75
Household furniture	247.[illegible]	241.04	231.00	38.5	37.9	37.5	6.44	6.36	6.16
Stone, clay, and glass products	355.[illegible]	353.42	317.[illegible]	40.8	41.0	40.6	8.71	8.62	7.89
Glass and glassware, pressed or blown	367.75	373.41	317.58	39.8	40.2	39.5	9.25	9.04	8.04
Structural clay products	272.[illegible]	276.76	258.16	40.0	40.7	39.9	6.81	6.80	6.42
Pottery and related products	267.18	277.02	248.85	37.[illegible]	38.[illegible]	37.0	7.22	7.29	6.65
Primary metal industries	500.[illegible]	495.46	485.04	41.[illegible]	40.[illegible]	40.4	11.97	11.87	10.66
Blast furnace and basic steel products	548.52	528.61	463.31	42.0	40.6	40.2	13.06	13.02	11.54
Iron and steel foundries	441.[illegible]	448.[illegible]	380.[illegible]	40.[illegible]	41.4	39.5	10.54	10.69	9.35
Nonferrous rolling and drawing	480.[illegible]	470.00	435.20	41.2	40.[illegible]	40.0	11.37	11.75	10.88
Nonferrous foundries	366.[illegible]	387.[illegible]	305.90	41.2	39.[illegible]	39.[illegible]	8.89	8.82	7.70
Fabricated metal products	394.[illegible]	397.[illegible]	364.81	40.[illegible]	40.4	40.4	9.59	9.58	9.09
Cutlery, hand tools, and hardware	343.[illegible]	346.[illegible]	324.[illegible]	40.[illegible]	39.[illegible]	37.[illegible]	8.68	8.72	8.45
Plumbing and heating, except electric	298.[illegible]	295.[illegible]	271.90	38.7	38.[illegible]	37.4	7.72	7.78	7.27
Fabricated structural metal products	348.[illegible]	341.[illegible]	323.[illegible]	39.[illegible]	39.[illegible]	39.7	8.96	8.72	8.16
Screw machine products, bolts, etc.	344.[illegible]	341.[illegible]	308.51	39.[illegible]	40.[illegible]	39.4	8.79	8.77	7.93
Metal forgings and stampings	455.[illegible]	439.[illegible]	459.70	40.6	41.0	41.9	11.33	11.32	10.89
Machinery, except electrical	390.[illegible]	390.[illegible]	355.63	41.1	41.[illegible]	41.4	9.54	9.50	8.59
Construction and related machinery	394.56	389.19	350.86	40.[illegible]	40.[illegible]	40.1	9.70	9.46	8.75
Metalworking machinery	390.[illegible]	394.[illegible]	362.25	41.[illegible]	40.[illegible]	41.4	9.45	9.41	8.75
Special industry machinery	368.[illegible]	377.[illegible]	332.22	41.[illegible]	42.[illegible]	42.[illegible]	8.90	8.89	7.91
General industrial machinery	384.71	385.12	350.33	40.[illegible]	40.[illegible]	40.5	9.56	9.59	8.65
Electric and electronic equipment	364.10	364.67	326.42	40.[illegible]	40.[illegible]	40.5	8.99	8.96	8.07
Electrical industrial apparatus	371.[illegible]	365.[illegible]	321.15	40.[illegible]	41.[illegible]	40.6	8.[illegible]	8.72	7.91
Household appliances	330.57	330.23	308.43	40.[illegible]	40.[illegible]	40.2	8.62	8.59	8.17
Electric lighting and wiring equipment	328.32	326.40	304.86	39.[illegible]	40.[illegible]	39.[illegible]	8.27	8.21	7.71
Communication equipment	411.03	403.79	363.01	40.1	39.[illegible]	39.5	10.25	10.12	9.19
Transportation equipment	481.32	488.32	429.93	42.[illegible]	42.7	41.7	11.46	11.45	10.31
Motor vehicles and equipment	500.60	519.71	446.01	42.[illegible]	43.6	41.8	11.92	11.92	10.67
Aircraft and parts	412.86	413.69	402.41	40.2	40.[illegible]	41.7	10.27	10.27	9.65
Instruments and related products	272.05	270.18	248.44	39.2	39.5	40.2	6.94	6.84	6.18
Measuring and controlling devices	278.00	275.31	252.53	39.[illegible]	39.[illegible]	40.6	7.04	6.90	6.22
Nondurable Goods[c]	364.49	360.45	327.65	41.[illegible]	40.5	40.5	8.89	8.90	8.09
Food and kindred products	378.00	361.54	334.48	43.2	41.4	42.5	8.75	8.74	7.87
Meat products	428.67	406.13	373.43	43.3	41.4	42.3	9.90	9.81	8.97
Dairy products	358.22	340.65	336.27	42.[illegible]	41.9	43.9	8.35	8.13	7.66
Bakery products	365.44	360.40	313.20	41.3	41.0	39.9	8.87	8.80	8.00
Beverages	340.66	320.00	299.63	40.7	39.3	40.6	8.37	8.02	7.38
Textile mill products	264.91	269.47	234.99	40.6	40.1	39.1	6.51	6.72	6.01
Apparel and other textile products	209.86	204.96	196.95	36.6	36.6	38.3	5.57	5.59	5.15
Paper and allied products	389.67	389.21	341.99	44.1	44.2	43.4	8.70	8.67	7.88
Paper mills, except building paper	495.51	475.71	437.66	49.7	48.1	48.2	9.97	9.89	9.08
Misc. converted paper products	326.19	329.43	289.48	41.5	41.7	40.6	7.86	7.90	7.13
Paperboard containers and boxes	396.13	395.02	311.54	41.6	42.7	42.1	8.08	8.08	7.40
Printing and publishing	364.98	351.16	326.63	38.5	37.8	37.5	9.48	9.29	8.71
Newspapers	355.12	323.57	309.12	36.2	33.6	33.6	9.81	9.63	9.20
Commercial printing	385.14	374.19	342.27	39.1	39.1	38.5	9.85	9.57	8.89
Chemicals and allied products	389.91	381.10	343.40	41.0	40.2	40.4	9.51	9.48	8.50
Industrial inorganic chemicals	432.78	435.55	389.46	41.1	41.6	41.3	10.53	10.47	9.43
Plastics materials and synthetics	416.09	393.41	369.15	42.2	39.9	41.2	9.86	9.86	8.96
Petroleum and coal products	521.86	527.54	517.05	43.2	43.1	45.0	12.08	12.24	11.49
Rubber and misc. plastics products	361.58	372.69	330.86	40.4	41.0	40.3	8.95	9.09	8.21
Tires and inner tubes	508.15	524.18	430.77	42.1	43.5	41.5	12.07	12.05	10.38
Miscellaneous plastics products	343.60	354.97	317.60	40.0	40.2	39.8	8.59	8.83	7.98
Leather and leather products	184.18	179.52	167.54	36.4	35.2	36.5	5.06	5.10	4.59

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
SEPTEMBER 1981 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1981[b]	August 1981[c]	September 1980[c]	August 1981	September 1980
NONMANUFACTURING	3137.7	3118.3	3139.9	.8	- .1
MINING	31.4	31.3	31.1	.1	.8
Bituminous coal and lignite mining	14.8	14.7	15.6	1.0	- 4.9
CONSTRUCTION	180.4	182.1	195.2	- .9	- 7.6
General building contractors	44.6	45.3	49.5	- 1.5	- 9.9
Heavy construction contractors	27.4	27.6	29.3	- .4	- 6.5
TRANSPORTATION AND PUBLIC UTILITIES	222.2	221.3	226.7	.4	- 2.0
Railroad transportation	28.3	28.2	29.7	.1	- 4.8
Transportation, except railroads	98.1	97.0	101.4	1.1	- 3.2
Trucking and warehousing	74.2	72.9	77.1	1.8	- 3.7
Communication, electric, gas services	95.8	96.1	95.7	- .3	.1
Communication	54.7	54.7	54.5	- .1	.3
Electric, gas, and sanitary services	41.1	41.3	41.2	- .5	- .1
WHOLESALE TRADE	228.4	228.7	228.5	- .1	.0
Wholesale trade-durable goods	146.2	146.5	147.2	- .2	- .6
Motor vehicles & automotive equipment	20.0	20.1	21.2	- .5	- 6.0
Electrical goods	18.6	18.6	18.6	.0	- .1
Machinery, equipment, and supplies	63.3	63.4	62.3	- .2	1.5
Wholesale trade-nondurable goods	82.2	82.2	81.3	.0	1.0
Groceries and related products	24.0	23.9	23.7	.1	1.2
RETAIL TRADE	744.4	740.6	743.3	.5	.2
General merchandise stores	117.9	115.9	120.8	1.7	- 2.4
Department stores	108.0	106.2	110.3	1.7	- 2.1
Food stores	119.8	119.3	119.8	.4	.0
Automotive dealers & service stations	74.6	75.0	79.1	- .6	- 5.8
Apparel and accessory stores	35.8	35.3	36.1	1.4	- .8
FINANCE, INSURANCE, AND REAL ESTATE	209.6	210.5	207.0	- .4	1.2
Banking	59.2	59.7	58.9	- .8	.4
Credit agencies other than banks	30.4	30.5	30.6	- .5	- .7
Insurance carriers	59.3	59.6	58.8	- .5	.8
SERVICES	871.2	865.2	840.7	.7	3.6
Hotels and other lodging places	30.5	32.0	31.5	- 4.7	- 3.1
Laundry, cleaning, & garment services	17.5	17.3	18.0	1.3	- 2.9
Business services	125.3	125.1	121.3	.2	3.4
Health services	299.7	299.3	284.2	.1	5.5
Hospitals	167.0	167.2	159.8	- .1	4.5
GOVERNMENT	649.7	632.7	667.3	2.7	- 2.6
Federal government	88.5	89.2	90.0	- .7	- 1.7
State government	127.8	123.6	129.6	3.4	- 1.4
State government, except education	70.9	72.7	71.8	- 2.4	- 1.3
State government education	56.8	50.9	57.8	11.7	- 1.6
Local government	433.4	419.9	447.6	3.2	- 3.2
Local government, except education	188.3	196.4	195.8	- 4.1	- 3.8
Local government education	245.1	223.5	251.8	9.7	- 2.7

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on June 1980 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[A]
SEPTEMBER 1981 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1980[r]	August 1981[r]	September 1981[p]	Sep. 1981[b]	Aug. 1981[r]	Sep. 1980[r]	Sep. 1981[b]	Aug. 1981[r]	Sep. 1980[r]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$440.64	$448.49	$401.52	42.9	43.1	42.3	$10.90	$10.37	$ 9.56
Bituminous coal and lignite mining	503.53	516.01	445.01	41.2	41.4	40.2	12.49	12.48	11.07
CONSTRUCTION	414.83	422.73	401.10	35.3	36.1	36.1	13.76	13.72	12.69
General building contractors	436.44	451.28	447.96	36.3	37.2	37.5	12.89	12.89	11.99
Heavy construction contractors	414.13	430.92	407.58	36.2	36.1	36.7	13.49	13.24	12.47
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	439.44	451.44	418.43	38.1	38.0	38.6	11.84	11.87	10.84
Communication, electric, gas services	403.20	414.73	388.81	41.7	41.9	41.5	10.22	10.14	9.39
Communication	421.40	419.40	389.39	41.4	41.2	41.3	10.91	10.28	9.66
Electric, gas, and sanitary services	385.61	410.94	388.36	42.1	42.2	40.1	10.21	9.74	9.27
WHOLESALE TRADE	361.60	370.38	347.38	39.1	39.2	39.1	9.24	9.44	8.75
Wholesale trade-durable goods	390.24	403.28	375.10	39.2	39.8	39.3	9.95	9.96	9.02
Motor vehicles & automotive equipment	373.41	391.14	368.23	39.5	39.8	39.1	9.45	9.87	8.96
Electrical goods	248.94	261.13	234.08	37.3	37.5	36.5	6.67	6.96	6.08
Machinery, equipment, and supplies	398.59	410.91	384.89	39.1	39.4	38.3	9.80	9.89	9.30
Wholesale trade-nondurable goods	329.60	334.20	299.78	38.4	38.3	38.7	8.77	8.91	7.80
Groceries and related products	348.12	347.97	324.48	41.2	41.2	41.6	8.47	8.49	7.80
RETAIL TRADE[f]	158.10	161.17	146.35	34.4	34.7	33.3	5.17	5.09	4.89
General merchandise stores	167.43	164.13	144.74	33.3	33.4	30.9	5.18	5.07	4.73
Department stores	159.79	156.16	140.50	33.0	33.3	30.6	5.22	5.13	4.79
Food stores	244.1	251.54	219.74	33.3	33.1	33.6	7.03	6.98	6.54
Automotive dealers & service stations	196.69	199.28	178.02	37.9	37.6	37.6	5.34	5.31	5.16
Apparel and accessory stores	111.56	110.94	104.94	27.4	27.1	27.4	4.07	4.09	3.89
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	190.60	190.90	174.10	....	....	....	....	....	....
Credit agencies other than banks	190.82	197.14	179.99	....	....	....	....	....	....
Insurance carriers	255.27	256.20	232.22	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	244.84	249.48	220.80	34.1	34.9	34.2	7.18	7.14	6.44
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[A]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1981[b]	August 1981	September 1980[c]	August 1981	September 1980
TOTAL	260.7	255.6	262.9	2.0	- .8
MANUFACTURING	77.0	75.5	77.6	2.0	- .7
Durable Goods[e]	39.3	38.2	38.1	2.8	3.2
Stone, clay, and glass products	2.2	2.2	2.1	- .1	3.6
Fabricated metal products	15.3	14.8	15.2	3.6	1.2
Machinery, except electrical	11.5	10.9	10.9	5.0	5.7
Special industry machinery	2.3	2.3	2.3	- .5	- 2.9
Nondurable Goods[f]	37.8	37.3	39.5	1.3	- 4.4
Food and kindred products	2.5	2.6	3.2	- 2.0	- 21.3
Chemicals and allied products	3.6	3.3	3.5	8.0	3.1
Rubber and misc. plastics products	28.3	28.1	27.7	.8	- 4.8
Tires and inner tubes	19.9	19.8	21.6	.5	- 7.8
NONMANUFACTURING[g]	183.7	180.2	185.4	2.0	- .9
CONSTRUCTION	8.3	8.3	9.1	- .6	- 8.4
TRANSPORTATION AND PUBLIC UTILITIES	13.7	13.6	14.2	.7	- 3.3
Communication, electric, gas services	5.5	5.5	5.4	.1	2.6
WHOLESALE TRADE	11.8	11.8	11.7	.1	.8
RETAIL TRADE	44.7	44.6	45.6	.3	- 1.9
FINANCE, INSURANCE, AND REAL ESTATE	9.1	9.2	9.3	- .7	- 1.6
SERVICES	53.0	53.6	51.5	- 1.0	3.1
GOVERNMENT	42.5	38.6	43.6	10.1	- 2.5
State government (includes education)	12.7	9.7	13.3	30.9	- 4.4
Local government (includes education)	27.8	26.9	28.3	3.4	- 1.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on June 1980 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products, paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Average weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1981[b]	August 1981	September 1980[c]	Sep. 1981[b]	Aug. 1981[b]	Sep. 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$370.15	$401.38	$370.34	40.1	41.8	41.4	$ 9.67	$ 9.60	$ 8.96
Durable Goods[f]	378.13	373.93	364.68	40.1	40.6	41.2	9.09	9.21	8.85
Stone, clay, and glass products	360.79	366.93	370.79	40.8	41.9	41.9	8.98	8.87	8.10
Fabricated metal products	350.21	360.93	344.48	37.3	38.4	40.1	9.43	9.46	8.50
Machinery, except electrical	382.17	382.48	360.16	42.5	43.3	42.1	9.08	8.84	8.24
Special industry machinery	361.67	360.49	345.48	42.5	43.4	38.6	8.47	8.42	7.96
Nondurable Goods[f]	431.46	429.00	376.90	41.6	43.1	41.6	10.14	10.09	9.10
Food and kindred products	348.74	374.14	334.31	38.7	43.8	40.5	8.72	8.54	8.22
Chemicals and allied products	421.04	428.48	390.13	43.3	45.3	43.6	9.61	9.68	8.99
Rubber and misc. plastics products	417.38	414.00	388.68	41.3	39.5	41.3	10.60	10.57	9.48
Tires and inner tubes	534.67	541.59	459.93	42.2	46.4	41.8	12.70	12.62	10.85
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	439.20	433.10	403.90	35.3	38.7	30.5	13.49	13.98	13.00
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	409.12	411.57	376.65	41.2	40.3	41.2	10.27	10.20	8.85
WHOLESALE TRADE	291.21	311....	280.74	51....	55.6	51.9	5.68	5.25	6.85
RETAIL TRADE[f]	169.29	168.17	156.38	31.3	31.0	31.0	5.35	5.46	5.22
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimates in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products, leather and leather products. [f]Money payments only, tips not included. [g]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1981[b]	August 1981[c]	September 1980[c]	August 1981	September 1980
TOTAL	156.8	156.8	155.2	- .1	1.0
MANUFACTURING	56.2	56.1	53.8	.2	4.4
Durable Goods[e]	44.3	44.1	41.8	.5	5.9
Stone, clay, and glass products	2.3	2.3	2.3	1.3	1.0
Primary metal industries	15.0	14.7	13.1	.3	14.7
Fabricated metal products	9.7	9.6	9.7	1.7	.5
Fabricated structural metal products	3.4	3.4	3.7	.4	- 8.1
Metal forgings and stampings	2.9	2.9	2.7	5.2	10.0
Nondurable Goods[f]	11.9	12.0	12.0	- 1.0	- 1.1
Food and kindred products	4.0	4.2	4.3	- 4.2	- 5.6
Rubber and misc. plastics products	3.3	3.2	3.0	2.6	8.8
NONMANUFACTURING[g]	100.6	100.8	101.4	- .2	- .8
CONSTRUCTION	5.4	5.6	5.9	- 2.8	- 8.3
TRANSPORTATION AND PUBLIC UTILITIES	7.1	7.1	7.3	.3	- 3.0
Communication, electric, gas services	3.0	3.0	3.1	- .2	- 1.1
WHOLESALE TRADE	7.2	7.1	7.1	.2	1.3
RETAIL TRADE	26.2	26.2	26.2	.0	.0
FINANCE, INSURANCE, AND REAL ESTATE	6.5	6.5	6.3	.2	3.3
SERVICES	30.0	29.9	29.1	.7	2.9
GOVERNMENT	17.2	17.5	18.3	- 1.6	- 5.9
Local government (includes education)	14.1	14.3	15.0	- 2.0	- 6.4

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on June 1980 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1981[b]	August 1981[c]	September 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$380.48	$387.27	$330.22	39.6	39.6	36.4	$ 9.61	$ 9.78	$ 9.06
Durable Goods[d]	398.61	419.09	347.66	39.9	39.5	38.1	9.99	9.95	9.02
Stone, clay, and glass products	264.91	278.89	231.95	40.6	40.6	41.2	6.51	6.89	5.77
Primary metal industries	449.92	452.90	388.76	38.6	38.9	36.6	11.69	11.64	10.54
Fabricated metal products	397.92	407.29	344.17	39.9	40.4	38.1	10.11	10.08	9.48
Fabricated structural metal products	340.56	348.90	308.79	37.8	41.1	37.4	9.01	8.91	8.79
Metal forgings and stampings	466.97	485.87	401.62	41.1	41.6	38.2	11.80	11.92	10.73
Nondurable Goods[e]	373.15	364.10	327.59	40.9	39.7	37.1	9.05	9.09	8.25
Food and kindred products	424.90	435.92	394.76	41.1	38.9	39.7	10.45	10.38	9.17
Rubber and misc. plastics products	385.1	394.73	330.48	44.9	44.9	42.1	8.51	8.57	8.04
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	471.66	548.8	404.40	38.7	40.1	34.9	13.56	13.59	12.00
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	498.21	495.14	403.75	41.3	41.6	43.4	10.51	10.46	9.28
WHOLESALE TRADE	303.60	288.80	279.48	37.4	38.9	38.3	7.80	7.27	7.15
RETAIL TRADE[f]	145.89	144.90	130.44	29.0	29.5	29.7	5.01	4.91	4.69
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Included pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [g]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[A]
SEPTEMBER 1981

Industry	Employment (in thousands)			Percent Change From[D]	
	September 1981[B]	August 1981	September 1980[C]	August 1981	September 1980
TOTAL	607.3	601.6	606.3	.9	.2
MANUFACTURING	162.8	161.6	162.6	.7	.1
Durable Goods[E]	90.2	89.0	90.0	.6	.6
Furniture and fixtures	2.6	2.6	3.0	6.0	- 11.7
Primary metal industries	2.0	2.0	2.4	.3	11.2
Fabricated metal products	15.2	15.0	14.4	.4	4.1
Fabricated structural metal products	5.1	5.0	5.3	1.2	- 3.7
Machinery, except electrical	26.0	26.0	26.2	.1	- .9
Metalworking machinery	13.1	13.4	13.6	- .5	- 2.0
General industrial machinery	3.8	3.7	4.0	- 2.9	- 5.7
Electric and electronic equipment	7.3	7.3	6.7	- .6	6.4
Transportation equipment	23.4	23.3	24.2	.5	- 3.6
Motor vehicles and equipment	7.5	7.2	7.8	4.0	- 4.5
Nondurable Goods[F]	72.5	71.7	72.6	1.2	- .5
Food and kindred products	16.4	16.4	17.3	.1	- 5.3
Meat products	.1	.1	.1	- 3.7	- 13.8
Bakery products	2.5	2.4	2.9	6.2	- 13.1
Beverages	5.0	5.0	5.3	- 1.5	- 5.7
Apparel and other textile products	4.6	4.5	4.1	1.7	10.2
Paper and allied products	7.3	7.2	6.9	1.7	6.2
Printing and publishing	12.5	12.5	12.4	1.2	- 2.2
Chemicals and allied products	22.8	22.8	22.4	.2	1.9
Rubber and misc. plastics products	4.6	4.6	4.6	.7	1.4
NONMANUFACTURING[G]	444.5	440.0	443.7	1.0	.2
CONSTRUCTION	28.3	27.9	28.5	- .4	- 5.7
TRANSPORTATION AND PUBLIC UTILITIES	33.5	33.3	34.0	.5	- 1.6
Communication, electric, gas services	14.1	14.0	14.2	- .4	- .7
WHOLESALE TRADE	33.8	33.8	36.2	.1	6.3
RETAIL TRADE	104.2	103.1	103.6	1.0	.5
FINANCE, INSURANCE, AND REAL ESTATE	33.6	33.8	33.1	- .7	1.3
Banking	7.4	7.5	7.4	- 1.3	- .8
Insurance carriers	11.7	11.8	11.3	- .3	3.7
SERVICES	136.9	132.0	129.2	3.7	4.6
GOVERNMENT	78.1	75.6	82.7	3.3	- 5.6
Federal government	12.8	12.5	13.0	- .4	- 1.6
State government (includes education)	17.3	16.6	17.6	4.2	- 1.3
Local government	48.0	46.1	52.0	4.0	- 7.8
Local government, except education	22.4	22.3	23.0	.3	- 2.7
Local government education	25.6	23.8	29.0	7.4	- 11.9

[A]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on June 1980 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [B]Preliminary. [C]Revised. [D]Based on unrounded figures. [E]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [F]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [G]Includes mining. [H]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1980[b]	August 1981[b]	September 1981[c]	Sep. 1980[b]	Aug. 1981[b]	Sep. 1981[c]	Sep. 1980[b]	Aug. 1981[b]	Sep. 1981[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$368.98	$394.[illegible]	$395.98	41.1	41.6	41.1	$ 8.89	$ 9.78	$ 8.16
Durable Goods[d]	360.18	388.80	388.30	41.4	42.7	41.4	8.70	8.57	7.99
Furniture and fixtures	256.41	251.80	245.25	38.5	37.	37.7	6.93	6.67	6.24
Primary metal industries	344.24	380.90	392.59	41.4	38.9	37.6	8.46	8.29	7.78
Fabricated metal products	351.44	386.52	324.28	41.3	41.9	41.1	8.53	8.91	7.89
Fabricated structural metal products	343.55	375.44	286.44	43.5	42.0	40.4	7.90	7.77	7.09
Machinery, except electrical	334.28	364.30	310.47	40.3	39.5	40.1	8.21	8.21	7.57
Metalworking machinery	367.18	386.35	369.31	46.7	44.3	44.5	7.87	8.39	8.26
General industrial machinery	333.69	340.31	315.09	40.1	41.4	39.4	8.32	8.22	7.26
Electric and electronic equipment	267.02	264.28	236.38	33.5	38.3	36.1	6.76	6.75	6.22
Transportation equipment	511.24	483.17	445.38	44.1	43.1	43.4	11.57	11.91	10.26
Motor vehicles and equipment	633.21	607.67	497.49	48.9	47.4	44.4	13.11	12.90	11.08
Nondurable Goods[e]	378.13	398.12	349.54	40.8	42.5	40.8	9.18	9.64	8.42
Food and kindred products	414.98	414.52	395.64	41.2	41.1	40.7	10.07	10.12	9.42
Meat products	427.43	436.92	455.49	40.9	41.0	44.7	10.42	10.61	10.15
Bakery products	337.47	344.69	339.93	42.7	43.5	40.5	8.04	8.08	8.37
Beverages	364.08	375.90	344.57	39.1	39.	40.3	9.31	9.34	8.55
Apparel and other textile products	200.41	208.75	189.52	37.6	38.4	37.6	5.33	5.39	4.[illegible]
Paper and allied products	329.21	333.30	303.97	41.1	41.6	41.3	8.01	7.94	7.36
Printing and publishing	399.54	396.13	329.84	40.2	38.9	36.0	9.93	9.36	8.68
Chemicals and allied products	399.53	399.27	376.91	40.5	40.7	41.6	9.84	9.81	9.08
Rubber and misc. plastics products	327.17	329.51	305.08	43.8	43.9	41.8	7.47	7.61	7.30
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	500.76	597.81	509.64	36.0	39.0	39.8	13.91	15.71	12.78
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	400.18	384.38	392.40	40.3	39.3	40.2	9.93	9.78	9.91
WHOLESALE TRADE	295.66	295.57	283.75	38.8	39.2	39.5	7.62	7.54	7.22
RETAIL TRADE[f]	154.41	153.92	149.62	33.1	30.8	31.3	5.13	5.01	4.74
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	191.35	191.99	174.52	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [g]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1981[b]	August 1981[c]	September 1980[c]	August 1981	September 1980
TOTAL	899.1	898.0	899.7	.1	- .1
MANUFACTURING	258.0	257.0	248.2	.4	1.5
Durable Goods[e]	183.8	182.0	180.6	1.0	1.7
Furniture and fixtures	2.4	2.4	2.5	2.1	- 3.1
Primary metal industries	30.2	29.6	27.4	2.2	11.3
Blast furnace and basic steel products	14.7	14.6	14.7	.6	0.8
Iron and steel foundries	6.2	6.3	5.2	5.3	27.2
Nonferrous foundries	3.2	3.1	3.0	1.5	6.4
Fabricated metal products	37.6	37.1	38.1	1.1	3.7
Fabricated structural metal products	4.3	4.2	4.3	.4	- .2
Screw machine products, bolts, etc.	6.1	6.2	5.9	- .5	4.2
Metal forgings and stampings	14.5	14.0	13.4	3.5	7.7
Machinery, except electrical	47.3	46.8	47.5	1.0	- 1.3
Construction and related machinery	8.5	8.4	7.8[h]	.7	9.0
Metalworking machinery	16.4	16.3	17.4	.7	- 5.9
Special industry machinery	4.3	4.3	4.8	- 1.5	- 11.4
General industrial machinery	4.0	3.9	4.1	1.9	- 2.6
Electric and electronic equipment	24.3	24.5	24.5	1.2	1.4
Electrical industrial apparatus	9.2	9.1	9.2	1.5	.0
Transportation equipment	26.2	25.1	24.2	- .9	- 5.2
Motor vehicles and equipment	15.7	15.0	16.1	- .4	- 2.6
Instruments and related products	5.3	5.2	5.0	- .6	7.3
Nondurable Goods[f]	68.2	66.9	67.6	.4	.9
Food and kindred products	8.7	8.7	8.9	- 1.3	- 2.0
Bakery products	1.8	1.8	2.1	- 1.3	- 11.4
Beverages	1.7	1.7	1.7	- 3.2	- 5.2
Apparel and other textile products	5.7	5.7	5.6	.7	2.9
Paper and allied products	5.2	5.2	5.2	.7	.0
Printing and publishing	15.5	15.5	15.2	.3	2.6
Chemicals and allied products	16.5	16.8	16.3	- 1.6	1.4
Industrial inorganic chemicals	4.0	4.0	4.1	.1	3.9
Rubber and misc. plastics products	10.7	10.2	10.6	5.0	.8
NONMANUFACTURING[g]	641.1	641.1	651.5	- .1	- .7
CONSTRUCTION	31.2	31.4	35.9	- .7	- 7.5
TRANSPORTATION AND PUBLIC UTILITIES	45.0	45.4	46.7	.8	- 2.0
Communication, electric, gas services	19.8	19.8	19.5	.00	1.6
WHOLESALE TRADE	62.4	62.6	63.7	- .3	- 2.0
RETAIL TRADE	146.2	145.2	146.7	.7	- .3
FINANCE, INSURANCE, AND REAL ESTATE	49.2	49.7	48.8	- 1.0	.9
Banking	13.7	13.9	13.8	- 1.5	- .3
Insurance carriers	12.0	12.3	12.1	- .5	- .8
SERVICES	149.5	149.7	149.4	- 1.0	1.6
GOVERNMENT	116.4	115.1	119.8	- 2.8	- 2.0
Federal government	13.6	13.5	20.3	- .2	- 4.0
State government (includes education)	7.3	7.5	7.6	- 1.8	- 3.0
Local government	89.0	92.7	91.0	- 3.4	- 1.5
Local government, except education	45.9	50.6	45.9	- 9.1	- .1
Local government education	43.7	42.3	45.1	3.3	- 3.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on June 1981 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1981[b]	August 1981[c]	September 1980	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]	Sep. 1981[c]	Aug. 1981[c]	Sep. 1980[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$403.14	$400.[illegible]	$399.[illegible]	41.1	41.[illegible]	40.8	$ 9.78	$ 9.71	$ 9.77
Durable Goods[d]	405.28	405.[illegible]	372.60	41.6	41.7	39.9	10.15	10.09	9.11
Furniture and fixtures	276.44	281.[illegible]	282.72	40.7	41.5	39.7	7.15	7.29	5.61
Primary metal industries	564.74	545.[illegible]	485.78	43.2	42.7	39.4	11.79	11.60	10.17
Blast furnace and basic steel products	562.50	544.50	499.34	40.4	42.0	37.8	13.04	12.36	11.48
Iron and steel foundries	505.37	540.[illegible]	457.41	43.6	43.4	41.5	12.38	12.50	10.54
Nonferrous foundries	391.30	515.64	306.60	49.1	41.7	42.1	7.79	7.67	7.27
Fabricated metal products	437.98	439.[illegible]	397.38	42.1	41.3	40.2	9.80	9.78	8.89
Fabricated structural metal products	508.06	395.73	305.34	39.9	41.1	39.9	8.19	8.12	7.79
Screw machine products, bolts, etc.	387.[illegible]	387.91	310.91	40.6	41.0	38.5	9.90	9.07	8.06
Metal forgings and stampings	467.[illegible]	461.[illegible]	448.02	40.3	43.0	41.2	11.71	11.71	10.68
Machinery, except electrical	484.94	485.36	376.57	41.1	41.8	41.2	10.19	10.19	9.14
Construction and related machinery	440.75	438.60	391.44	39.5	39.7	39.7	11.31	11.05	9.48
Metalworking machinery	418.76	418.[illegible]	373.49	42.4	42.4	41.4	9.86	9.86	9.02
Special industry machinery	406.39	395.90	347.93	39.6	39.4	38.7	10.26	10.04	8.99
General industrial machinery	401.99	406.[illegible]	337.23	42.4	41.9	43.7	9.71	9.71	9.09
Electric and electronic equipment	364.17	360.[illegible]	320.99	42.1	42.2	41.9	8.65	8.64	7.91
Electrical industrial apparatus	390.70	407.16	363.76	41.4	43.5	43.9	9.25	9.36	8.60
Transportation equipment	479.[illegible]	468.62	466.77	41.7	40.3	39.1	11.41	11.[illegible]	10.83
Motor vehicles and equipment	484.21	471.[illegible]	491.37	41.4	40.1	39.6	11.88	11.77	11.27
Instruments and related products	299.47	299.91	281.99	40.8	40.7	40.7	7.34	7.32	6.90
Nondurable Goods[e]	396.20	394.60	366.80	39.6	39.6	39.6	8.49	8.45	7.75
Food and kindred products	341.47	341.[illegible]	313.94	40.7	40.8	40.3	8.39	8.37	7.79
Bakery products	390.[illegible]	348.11	326.68	39.9	39.6	41.9	9.[illegible]	9.[illegible]	7.81
Beverages	316.09	298.[illegible]	262.99	41.1	39.[illegible]	37.7	7.[illegible]	7.[illegible]	6.[illegible]
Apparel and other textile products	295.87	293.21	280.77	37.6	36.[illegible]	36.9	8.04	8.[illegible]	8.07
Paper and allied products	386.11	391.[illegible]	346.[illegible]	41.7	42.[illegible]	39.[illegible]	8.[illegible]	8.[illegible]	7.67
Printing and publishing	373.46	365.[illegible]	326.62	37.[illegible]	36.[illegible]	36.[illegible]	9.[illegible]	9.64	8.78
Chemicals and allied products	397.[illegible]	391.[illegible]	363.[illegible]	41.[illegible]	41.[illegible]	40.[illegible]	9.[illegible]	9.[illegible]	9.[illegible]
Industrial inorganic chemicals	405.[illegible]	408.[illegible]	375.[illegible]	39.[illegible]	39.[illegible]	38.[illegible]	10.[illegible]	10.[illegible]	9.84
Rubber and misc. plastics products	282.[illegible]	247.[illegible]	234.[illegible]	39.[illegible]	41.[illegible]	41.4	7.[illegible]	7.[illegible]	6.[illegible]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	541.15	565.[illegible]	536.[illegible]	35.[illegible]	37.4	36.[illegible]	15.[illegible]	15.[illegible]	14.[illegible]
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	455.47	450.[illegible]	404.62	41.[illegible]	41.[illegible]	41.8	10.[illegible]	10.[illegible]	9.68
WHOLESALE TRADE	318.[illegible]	317.61	298.[illegible]	38.[illegible]	39.[illegible]	38.[illegible]	8.24	8.[illegible]	7.87
RETAIL TRADE[f]	160.[illegible]	157.[illegible]	154.[illegible]	28.[illegible]	[illegible]	29.[illegible]	5.[illegible]	5.45	5.[illegible]
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	217.[illegible]	215.[illegible]	202.[illegible]	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1981[b]	August 1981[c]	September 1980[c]	August 1981	September 1980
TOTAL	518.3	514.8	514.0	.7	.8
MANUFACTURING	94.1	93.1	95.9	1.1	- 1.8
Durable Goods[e]	59.7	59.0	61.6	1.3	- 3.0
Stone, clay, and glass products	10.3	9.7	10.6	2.7	- 6.2
Fabricated metal products	10.4	10.5	10.9	- .8	- 4.7
Machinery, except electrical	12.5	12.2	11.5	2.6	8.9
Electric and electronic equipment	11.6	11.6	12.9	.3	- 9.5
Transportation equipment	5.9	5.7	6.2	2.9	- 5.2
Nondurable Goods[f]	34.4	34.2	34.3	.7	.2
Food and kindred products	10.8	10.6	10.9	2.1	- 1.2
Printing and publishing	8.9	8.9	8.9	.1	- .3
Chemicals and allied products	6.0	6.0	6.0	1.1	.7
Rubber and misc. plastics products	3.1	3.2	3.2	- 3.9	- 2.3
NONMANUFACTURING[g]	424.2	421.7	418.1	.6	1.5
CONSTRUCTION	21.5	21.6	22.8	- .8	- 6.0
TRANSPORTATION AND PUBLIC UTILITIES	25.3	25.2	24.9	.5	1.5
Communication, electric, gas services	11.6	11.6	11.1	.0	3.7
WHOLESALE TRADE	27.6	27.6	27.4	.1	.6
RETAIL TRADE	98.7	97.5	96.0	1.2	2.8
FINANCE, INSURANCE, AND REAL ESTATE	40.0	40.2	38.6	- .6	3.6
Banking	7.9	7.9	7.7	- .6	2.5
Insurance carriers	17.8	17.9	17.0	- .7	4.3
SERVICES	111.6	111.1	107.2	.4	4.1
GOVERNMENT	98.7	97.6	100.3	1.1	- 1.6
Federal government	11.3	11.4	11.2	- .9	.9
State government	45.7	45.0	45.7	1.5	.0
State government, except education[j]	28.9	29.0	28.4	- .5	1.5
State government education	16.8	16.0	17.3	5.2	- 2.5
Local government	41.7	41.1	43.4	1.3	- 3.9
Local government, except education	17.5	20.1	13.4	- 13.0	- 9.8
Local government education	24.2	21.1	24.0	14.8	.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on June 1980 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [j]Excludes units such as Ohio Department of Education and its schools for deaf and blind. Includes hospital, agricultural extension service, and agricultural research center at O.S.U.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1981[b]	August 1981[c]	September 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$350.80	$347.74	$313.44	40.1	40.3	39.4	$ 8.75	$ 8.63	$ 7.93
Durable Goods[d]	361.94	365.78	324.18	39.6	40.5	39.2	9.14	9.03	8.27
Stone, clay, and glass products	339.77	346.04	298.98	39.6	41.0	39.6	8.58	8.44	7.55
Fabricated metal products	409.26	398.34	386.06	39.2	38.9	38.8	10.44	10.24	9.95
Machinery, except electrical	345.90	356.15	327.89	40.8	41.9	41.5	8.47	8.50	7.90
Electric and electronic equipment	364.05	368.96	318.77	39.7	40.5	39.5	9.17	9.11	8.07
Transportation equipment	377.60	397.93	362.94	38.5	41.5	38.9	9.81	9.59	9.33
Nondurable Goods[e]	327.50	310.84	288.48	41.0	39.8	39.9	7.99	7.79	7.23
Food and kindred products	342.69	314.76	309.44	42.9	41.1	42.8	8.10	7.78	7.23
Printing and publishing	340.76	317.42	267.96	38.9	37.3	38.4	8.76	8.51	7.00
Chemicals and allied products	365.09	350.31	321.60	41.3	40.6	40.2	8.84	8.85	8.00
Rubber and misc. plastics products	300.94	270.96	265.60	41.0	39.1	41.5	7.34	6.93	6.40
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	498.12	468.55	440.35	40.9	38.5	39.9	12.17	12.17	11.22
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	444.90	440.19	384.29	41.3	41.1	41.1	10.77	10.71	9.35
WHOLESALE TRADE	288.35	290.60	285.60	39.1	39.7	40.0	7.39	7.32	7.14
RETAIL TRADE[f]	145.12	149.18	139.52	29.2	29.4	30.2	4.97	4.87	4.62
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	181.85	179.29	166.66	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1981[b]	August 1981[c]	September 1980[c]	August 1981	September 1980
TOTAL	350.4	350.[illegible]	355.2	2.2	.9
MANUFACTURING	101.3	99.0	98.0	2.3	3.3
Durable Goods[e]	69.0	67.4	66.0	2.4	4.5
Stone, clay, and glass products	2.3	2.2	2.4	3.7	- 5.7
Fabricated metal products	7.0	7.0	7.1	.2	- 1.8
Machinery, except electrical	30.8	30.2	30.6	2.1	.8
Metalworking machinery	7.0	6.8	7.5	2.6	- 6.6
Electric and electronic equipment	9.9	9.3	7.4	7.3	34.3
Electrical industrial apparatus	3.9	3.7	3.7	7.0	5.4
Transportation equipment	12.6	12.4	12.6	1.6	- .1
Nondurable Goods[f]	32.3	31.7	32.0	1.9	.8
Food and kindred products	3.7	3.6	3.6	2.0	2.4
Paper and allied products	6.2	6.1	5.9	.6	4.0
Printing and publishing	9.7	9.4	10.0	3.3	- 2.7
Rubber and misc. plastics products	8.6	8.5	8.6	1.8	.9
NONMANUFACTURING[g]	257.1	251.8	257.2	2.1	.0
CONSTRUCTION	12.6	12.9	14.6	- 2.0	- 13.4
TRANSPORTATION AND PUBLIC UTILITIES	13.4	13.4	13.3	.1	.5
Communication, electric, gas services	6.6	6.7	6.6	- .9	.4
WHOLESALE TRADE	15.3	15.2	15.4	.2	- .9
RETAIL TRADE	58.1	57.5	58.2	1.1	.0
FINANCE, INSURANCE, AND REAL ESTATE	13.8	14.0	13.7	- .9	.7
SERVICES	76.2	74.2	73.4	2.6	3.8
GOVERNMENT	67.3	64.2	68.2	4.8	- 1.3
Federal government	25.3	25.7	25.1	- 1.6	.6
State government (includes education)	5.3	5.3	5.3	1.3	1.3
Local government	36.7	33.2	37.8	10.3	- 2.9
Local government, except education	14.3	14.5	14.4	- 1.2	- .9
Local government education	22.3	18.7	23.3	19.3	- 4.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on June 1980 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1981[b]	August 1981[c]	September 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$402.41	$413.55	$367.33	41.4	41.9	41.6	$ 9.72	$ 9.87	$ 8.83
Durable Goods[d]	414.62	418.07	368.01	41.8	42.7	42.3	9.68	9.79	8.70
Stone, clay, and glass products	367.72	360.06	338.52	40.1	38.8	38.6	9.22	9.28	8.77
Fabricated metal products	317.10	320.12	269.68	42.0	42.4	39.6	7.55	7.55	6.81
Machinery, except electrical	391.31	400.09	394.72	41.3	41.8	44.5	9.62	9.57	8.87
Metalworking machinery	399.51	398.16	399.16	41.4	41.2	44.4	9.65	9.47	8.99
Electric and electronic equipment	480.70	478.49	310.84	46.4	46.5	40.9	10.36	10.29	7.60
Electrical industrial apparatus	316.17	317.37	277.01	42.1	42.6	39.8	7.51	7.45	6.96
Transportation equipment	487.61	553.90	458.64	40.6	44.1	42.0	12.01	12.56	10.92
Nondurable Goods[e]	396.90	405.21	367.54	40.5	40.4	40.9	9.80	10.03	9.12
Food and kindred products	333.54	347.11	269.95	41.6	40.7	44.2	9.46	9.02	8.37
Paper and allied products	360.80	348.19	332.89	42.9	41.5	43.1	8.55	8.39	7.74
Printing and publishing	408.20	413.05	392.17	39.1	40.1	39.1	10.44	10.45	10.03
Rubber and misc. plastics products	446.58	505.26	423.06	38.3	40.1	39.1	11.66	12.60	10.82
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	442.77	511.03	466.67	34.7	39.8	40.3	12.76	12.84	11.58
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	412.90	409.46	389.14	40.6	40.5	41.6	10.17	10.11	9.21
WHOLESALE TRADE	286.18	284.95	262.86	41.0	41.0	41.2	6.98	6.95	6.38
RETAIL TRADE[f]	148.34	147.70	146.05	29.2	29.6	30.3	5.08	4.99	4.82
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1981[b]	August 1981[c]	September 1980[c]	August 1981	September 1980
TOTAL	293.5	288.9	293.3	1.6	.1
MANUFACTURING	76.2	75.9	76.0	3.0	2.9
Durable Goods[e]	60.6	58.6	58.0	3.3	4.4
Stone, clay, and glass products	13.6	13.6	13.6	.1	.3
Primary metal industries	4.8	4.7	4.7	3.1	3.2
Fabricated metal products	9.1	9.0	8.4	1.5	8.9
Metal forgings and stampings	4.2	4.0	3.8	3.4	9.9
Machinery, except electrical	7.5	7.5	7.4	.3	1.6
General industrial machinery	2.3	2.3	2.3	.2	- .7
Transportation equipment	16.2	14.7	15.6	10.4	4.0
Motor vehicles and equipment	15.1	13.6	14.3	10.8	5.6
Nondurable Goods[f]	17.6	17.3	18.0	1.9	- 2.0
Food and kindred products	5.2	4.6	5.0	11.6	3.0
Petroleum and coal products	1.7	1.9	1.9	- 12.1	- 11.0
Rubber and misc. plastics products	3.2	3.3	3.4	- 2.7	- 7.1
NONMANUFACTURING[g]	215.3	212.9	217.3	1.1	- .9
CONSTRUCTION	13.8	14.2	14.7	- 2.6	- 6.3
TRANSPORTATION AND PUBLIC UTILITIES	19.7	19.6	20.1	.5	- 2.0
Communication, electric, gas services	7.9	7.9	7.7	- .7	1.4
WHOLESALE TRADE	14.2	14.2	14.3	.0	- .5
RETAIL TRADE	51.9	51.7	52.5	.3	- 1.1
FINANCE, INSURANCE, AND REAL ESTATE	11.1	11.1	10.9	.0	1.6
SERVICES	62.3	62.3	60.7	.1	2.6
GOVERNMENT	41.7	39.3	43.6	6.0	- 4.4
State government (includes education)	10.5	10.9	10.7	- 3.7	- 1.4
Local government	28.5	25.7	30.2	10.7	- 5.8
Local government, except education	10.9	10.9	12.0	.3	- 8.9
Local government education	17.5	14.8	18.2	18.4	- 3.8

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on June 1980 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1981[b]	August 1981[c]	September 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$414.74	$396.86	$372.41	41.2	40.3	40.7	$10.05	$ 9.85	$ 9.15
Durable Goods[d]	427.22	404.61	382.79	41.0	40.1	40.5	10.42	10.09	9.45
Stone, clay, and glass products	404.54	409.60	394.13	39.8	40.0	41.4	10.29	10.24	9.52
Primary metal industries	408.96	386.88	368.51	42.6	41.6	40.9	9.60	9.30	9.01
Fabricated metal products	382.54	357.19	323.59	41.4	39.6	38.7	9.24	9.02	8.36
Metal forgings and stampings	458.55	423.74	382.39	41.8	39.9	39.6	10.97	10.62	9.67
Machinery, except electrical	412.48	410.47	386.48	40.4	40.6	42.1	10.21	10.11	9.18
General industrial machinery	461.44	455.80	410.66	41.2	41.1	40.3	11.20	11.09	10.19
Transportation equipment	527.08	480.28	427.47	42.2	40.3	40.1	12.49	11.92	10.66
Motor vehicles and equipment	527.99	479.99	428.99	42.1	40.2	39.9	12.54	11.94	10.75
Nondurable Goods[e]	368.38	368.51	339.90	42.1	40.9	41.3	8.75	9.01	8.23
Food and kindred products	374.53	380.98	318.44	44.8	43.0	41.9	8.36	8.86	7.60
Petroleum and coal products	569.33	590.50	609.61	44.1	44.1	47.7	12.91	13.39	12.78
Rubber and misc. plastics products	312.44	295.60	291.40	39.4	37.8	39.7	7.93	7.82	7.34
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	488.85	579.42	597.23	31.6	37.6	40.6	15.47	15.41	14.71
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	449.19	440.18	411.88	41.4	41.1	41.9	10.85	10.71	9.83
WHOLESALE TRADE	322.63	309.70	282.94	38.5	38.0	38.6	8.38	8.15	7.33
RETAIL TRADE[f]	157.34	157.47	151.30	29.9	29.6	30.2	5.37	5.32	5.01
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; leather and leather products. [f]Money payments only, tips not included. [g]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Employment (in thousands)			Percent[d] Change From	
	September 1981[b]	August 1981[c]	September 1980[c]	August 1981	September 1980
TOTAL	202.6	197.3	201.1	2.7	.8
MANUFACTURING	69.6	66.6	68.2	4.6	2.0
Durable Goods[e]	63.6	60.7	62.4	4.6	1.9
Stone, clay, and glass products	2.0	2.0	1.7	.8	16.2
Primary metal industries	30.2	29.4	28.7	2.5	5.2
Blast furnace and basic steel products	15.7	15.8	14.4	- .6	9.0
Fabricated metal products	8.4	8.6	8.9	- 2.3	- 6.0
Fabricated structural metal products	2.6	2.6	2.9	.6	- 10.4
Machinery, except electrical	5.9	6.0	6.6	- 1.1	- 10.5
Metalworking machinery	2.4	2.4	3.0	- 1.2	- 20.6
Electric and electronic equipment	3.0	3.0	3.1	.4	- 1.7
Transportation equipment	12.2	9.9	11.3	23.7	8.4
Nondurable Goods[f]	6.0	5.8	5.9	3.9	2.8
NONMANUFACTURING[g]	133.0	130.7	132.8	1.7	.1
CONSTRUCTION	7.3	7.4	7.9	- 1.3	- 7.3
TRANSPORTATION AND PUBLIC UTILITIES	9.2	9.2	9.4	.3	- 2.4
Communication, electric, gas services	3.4	3.4	3.3	- .4	1.2
WHOLESALE TRADE	7.8	7.8	7.8	.4	1.1
RETAIL TRADE	36.9	36.9	37.2	- .1	- .9
FINANCE, INSURANCE, AND REAL ESTATE	7.3	7.3	7.1	- .9	1.5
SERVICES	40.0	39.3	38.5	1.7	3.9
GOVERNMENT	24.1	22.4	24.4	7.8	- 1.3
Local government (includes education)	19.4	17.6	19.7[h]	9.9	- 1.8

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on June 1980 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
SEPTEMBER 1981

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1981[b]	August 1981[c]	September 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]	Sep. 1981[b]	Aug. 1981[c]	Sep. 1980[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$479.56	$491.57	$411.84	41.2	41.8	39.6	$11.64	$11.76	$10.40
Durable Goods[d]	491.15	505.91	429.72	41.1	41.9	39.6	11.95	12.06	10.70
Stone, clay, and glass products	295.74	300.13	265.22	37.2	37.8	35.6	7.95	7.94	7.45
Primary metal industries	524.88	546.96	445.98	40.4	39.1	39.0	12.99	12.71	11.42
Blast furnace and basic steel products	563.26	522.19	440.44	41.6	39.5	38.1	13.54	13.22	11.56
Fabricated metal products	451.96	479.06	452.10	40.3	41.1	41.1	11.20	11.51	11.00
Fabricated structural metal products	311.26	338.66	318.20	33.4	41.0	38.9	7.90	8.26	8.18
Machinery, except electrical	426.89	429.34	370.88	38.7	37.9	37.8	11.09	11.17	10.42
Metalworking machinery	426.01	459.89	424.46	37.8	40.2	38.4	11.27	11.44	10.90
Electric and electronic equipment	349.47	334.57	325.21	40.5	39.5	40.6	8.59	8.47	8.01
Transportation equipment	549.69	716.22	442.24	45.2	54.3	41.1	12.16	13.19	10.76
Nondurable Goods[e]	329.57	328.80	289.77	41.3	40.6	39.8	7.98	8.10	7.19
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	529.15	537.86	514.32	36.9	38.2	38.7	14.34	14.08	13.29
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	441.07	438.01	368.46	43.2	42.9	43.5	10.21	10.21	8.93
WHOLESALE TRADE	332.45	330.46	297.89	40.2	40.3	39.5	8.27	8.20	7.54
RETAIL TRADE[f]	156.60	159.39	148.90	30.0	29.9	30.7	5.22	5.13	4.85
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [g]Low due to labor-management disputes during part of pay period.

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Columbus 43216

NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.--Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.--Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.--Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.--Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.--Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.--Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.--Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers concidered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.--Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.--Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.--Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.--Definitions of production or similar workers, payroll, and hours--from which average hours and earnings data are derived--follow:

Production Workers.--Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.--Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.--Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.--Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216

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Ohio Labor Market Information

BUREAU OF EMPLOYMENT SERVICES

JOB SERVICE OF OHIO

JAMES A. RHODES, *Governor*
ALBERT G. GILES, *Administrator*

EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
OCTOBER 1981

Unemployment in Ohio, estimated at 505,000 in October, represented 9.9 percent of the civilian labor force--down fractionally from September. Total employment advanced .3 percent, to 4,607,000. Seasonal gains boosted nonfarm payroll employment .2 percent, to 4,408,000.

Factory employment in Ohio slipped 1.5 percent, to 1,240,000. Auto manufacturers and producers of automotive components reported production cutbacks stemming from fewer orders. Lack of orders also led to layoffs in the production of basic steel, household appliances, paper, and paperboard items. Food products dropped seasonally in employment, due to layoffs of temporary canning workers.

Nonmanufacturing employment in Ohio totaled 3,168,000 in October, .9 percent above September. Educational services spearheaded the gain, as public and private schools and colleges added personnel for the new academic year. Department and apparel stores also hired seasonally, in preparation for the Christmas holiday. Construction, normally down from September to October, advanced fractionally as favorable weather conditions prevailed. Increases were partially offset, however, by declines in employment among outdoor refreshments, amusement parks, and drive-ins.

Average weekly earnings of Ohio's factory production workers slipped $1.50 from September to $395.44 in October. The average workweek, at 40.6 hours, was .4 hours shorter. Overtime curtailments in basic steel and nonferrous rolling and drawing mills lowered earnings in primary metals. Less overtime was also reported in the production of communication equipment, fasteners, and paper. Vegetable processors reported curtailed schedules following the peak of the canning season. Stepped-up overtime, however, was reported in petroleum refining and structural clay products, while wage-rate increases boosted earnings in the production of metal stampings, general industrial machinery, beverages, and plastic products.

The number of jobless Ohioans rose over 70,000 between October 1980 and October 1981, lifting the unemployment rate over the year from 8.3 to 9.9 percent. Total employment dropped 3.5 percent, while nonfarm payrolls slipped fractionally. Nondurable-goods manufacturing accounted for most of the decline, due chiefly to plant closings in rubber and food industries. Increases in primary and fabricated metals moderated losses among other durable-goods industries, notably motor vehicles and nonelectrical machinery. Factory production workers grossed $32 more per week in October 1981 than in October of last year, despite a decline of .2 hours in the average workweek.

For additional Labor Market Information, write
WILLIAM PAPIER, *Director of Research and Statistics*, BUREAU OF EMPLOYMENT SERVICES, COLUMBUS 43216

EMPLOYMENT IS OUR MOST IMPORTANT PRODUCT

EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Workers on nonfarm payrolls in the Akron area numbered 261,400 in October, up 200 from September. Nonmanufacturing accounted for the gain as schools and colleges added personnel for the new academic year. Partially offsetting this gain, cutbacks in fabricated metals and rubber items lowered manufacturing by 800, to 76,000 for the month. Production workers in factories grossed $9.71 per hour, up 7¢ from September. The average workweek, at 41.7 hours, was up .9 hours for the month.

Canton.--Canton's nonagricultural wage and salary employment increased fractionally from September, to 157,200 in October. Seasonal gains in education boosted nonmanufacturing. Losses in primary metal industries accounted for most of the decline of 400 in manufacturing, to 55,800 in October. The workweek and hourly earnings of the average factory production worker, at 40.7 hours and $10.05 an hour, were .6 hours and 9¢ above September.

Cincinnati.--Nonfarm employment in Cincinnati totaled 611,700 in October, up 900 from September. Widespread decreases lowered manufacturing 700, to 162,400, despite recalls in motor vehicles and equipment. Increases by schools and colleges lifted nonmanufacturing. Earnings of factory production workers rose slightly from September, to $8.94 an hour. Their average workweek was down .6 hours, to 40.6 in October.

Cleveland.--Nonfarm establishments in Cleveland employed 899,600 workers in October, up 2,700 from September. Manufacturing totaled 251,400 for the month, down 600 from September, with losses concentrated among nondurable-goods industries. Seasonal expansion in education boosted nonmanufacturing. The average workweek for factory production workers, at 41.0 hours, was on par with September. Their average hourly earnings rose 7¢, to $9.85 in October.

Columbus.--Columbus' nonagricultural wage and salary employment totaled 526,400 in October, up 7,600 from September. The increase occurred in nonmanufacturing industries, as educational services (both public and private) and retailing expanded seasonally. Manufacturing decreased to 94,100, down 600 for the month. Production workers in manufacturing industries grossed $8.92 per hour, up 15¢, for a workweek of 40.0 hours, unchanged from September.

Dayton.--Nonfarm payroll employment in the Dayton area gained 1,100 from September, to 359,600 from October. Expansion among public schools at the beginning of the academic year was responsible for the increase. Manufacturing was down 1,100, to 100,500 for the month, the decline scattered among various component industries. The average workweek of factory production workers increased .3 hours, to 41.2, while their hourly earnings rose 18¢, to $9.90 in October.

Toledo.--Nonagricultural establishments in the Toledo area employed 297,800 wage and salary workers in October, up 4,600 from September. Much of the gain in nonmanufacturing was attributable to seasonal expansion in government, retail trade, and services. Manufacturing was down 2,100, to 75,800 for the month, as several industries--notably food and kindred products--showed employment declines. The workweek for the average factory production worker was down .6 hours, to 41.0 hours. Average hourly earnings, at $10.06, were on par with September.

Youngstown-Warren.--Nonagricultural wage and salary employment in the Youngstown-Warren area totaled 201,700, down 500 from September. Most of the loss in manufacturing--down 400, to 68,900 in October--was attributable to durable-goods industries. Nonmanufacturing decreased slightly, as seasonal hiring in education was offset by seasonal losses in retail trade and services. Average hourly earnings for factory production workers dipped 5¢ from September, to $11.61 in October. The average workweek decreased 1.1 hours, to 40.5 for the month.

Division of Research and Statistics
Ohio Bureau of Employment Services
Columbus 43216 10-18-81

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1970	244.7	140.2	507.9	854.6	409.1	331.4	263.1	195.5
1971	244.1	140.1	501.9	829.3	410.9	317.4	269.7	196.1
1972	248.1	139.8	512.0	838.2	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	581.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	305.3	213.9
1980	263.2	157.0	604.8	905.0	515.1	356.5	294.2	203.3
1980								
October .	269.9	155.7	609.1	911.4	523.6	359.2	298.1	200.1
November.	264.4	156.9	609.6	904.4	526.6	360.1	299.5	202.9
December.	263.7	156.3	610.6	907.1	526.0	361.0	299.7	199.1
1981								
January .	254.9	153.4	595.8	885.6	510.7	352.5	291.0	194.5
February.	256.4	153.0	596.9	881.2	509.8	352.4	287.4	192.8
March ...	258.7	153.2	599.6	886.9	513.6	355.8	292.1	194.9
April ...	260.7	155.8	607.7	895.2	517.9	357.6	295.7	199.7
May	262.5	156.3	610.5	900.4	521.0	358.0	298.0	203.4
June	257.6	157.1	613.0	900.7	522.7	357.4	299.4	204.3
July	255.4	156.5	602.9	901.0	514.2	351.5	290.3	200.8
August ..	255.6	156.8	601.6	898.0	514.8	350.8	288.9	197.3
September	261.3	157.0	610.8	896.8	518.8	358.5	293.2	202.2
October .	261.4	157.2	611.7	899.6	526.4	359.6	297.8	201.7
	MANUFACTURING EMPLOYMENT (in thousands)							
1970	96.4	62.4	169.5	346.8	102.2	128.3	89.4	86.1
1971	91.7	58.6	160.1	273.5	98.4	112.8	86.2	88.4
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	159.9	260.3	95.1	100.1	80.7	80.8
1976	80.3	57.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	58.1	173.1	276.3	101.1	109.5	88.0	79.9
1980	79.4	55.6	164.3	255.0	96.7	99.9	74.9	70.5
1980								
October .	77.6	53.8	163.1	249.9	96.3	99.1	74.7	67.3
November.	78.8	54.4	164.2	252.5	96.8	99.7	76.5	69.3
December.	77.8	54.5	163.8	253.6	96.9	99.5	77.1	65.2
1981								
January .	75.8	54.7	163.2	251.4	95.9	98.9	75.9	65.2
February.	76.9	54.7	162.7	250.2	94.6	99.3	72.8	63.7
March ...	77.9	53.9	161.8	249.7	94.8	100.3	75.8	66.5
April ...	78.1	55.0	162.4	250.7	94.4	100.3	76.6	69.7
May	77.5	55.1	162.4	250.9	94.8	100.5	76.6	69.7
June	77.1	55.6	163.4	253.4	94.6	100.2	76.9	69.8
July	75.8	55.8	161.7	252.2	93.4	99.8	75.3	68.9
August ..	75.5	56.1	161.6	249.9	93.1	99.0	75.9	66.6
September	76.8	56.1	163.0	252.1	94.7	101.6	77.9	69.3
October .	76.0	55.8	162.4	251.4	94.1	100.5	75.8	68.9

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MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1970	57.3	46.9	116.3	204.2	71.8	86.0	62.7	68.2
1971	53.8	43.2	111.5	187.4	68.8	82.3	60.6	70.6
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.3	62.5
1980	47.6	40.0	107.8	169.3	64.5	65.9	49.3	53.9
1980								
October .	46.1	38.6	107.3	164.6	63.7	65.3	49.3	51.3
November.	47.1	39.2	108.8	167.2	64.2	66.1	51.0	53.2
December.	46.1	39.5	108.6	168.1	63.8	65.8	51.5	49.2
1981								
January .	44.8	39.6	107.8	166.3	63.0	65.3	49.7	48.9
February.	45.8	39.5	107.4	165.2	62.3	65.3	47.1	47.3
March ...	46.6	38.8	106.7	164.7	62.4	66.2	49.9	50.1
April ...	46.7	39.9	107.1	165.7	62.0	66.2	50.7	53.3
May	46.2	39.9	106.9	165.9	62.4	66.4	50.7	53.2
June	45.9	40.5	107.6	167.9	62.3	66.1	51.0	53.2
July	44.6	40.8	105.7	166.5	61.3	65.6	49.3	52.1
August ..	44.2	40.9	105.8	164.9	60.8	64.8	50.1	50.1
September	45.5	41.0	107.5	166.7	61.8	67.3	52.0	52.6
October .	44.8	40.6	107.0	166.1	61.0	66.4	50.1	52.3
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1970	40.7	40.3	40.8	40.3	40.2	40.9	41.1	40.0
1971	40.6	38.9	41.0	40.6	39.6	40.6	41.4	41.4
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	39.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42 3	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1980								
October .	41.9	38.3	41.1	40.7	39.4	41.9	41.7	39.8
November.	42.3	39.2	41.9	41.5	39.7	42.4	41.3	41.6
December.	42.5	40.4	42.6	42.6	40.4	43.1	41.7	41.7
1981								
January .	42.0	39.7	41.7	41.2	40.1	41.7	40.8	41.5
February.	41.5	40.0	41.0	41.0	39.7	41.0	40.1	40.6
March ...	41.9	40.3	41.1	41.4	39.9	41.4	41.2	40.8
April ...	42.1	40.0	40.8	41.2	39.7	42.0	40.8	41.3
May	42.4	40.1	41.4	41.6	39.9	41.8	41.2	40.8
June	42.4	40.4	41.3	42.1	39.9	42.5	41.3	41.4
July	41.9	39.8	40.9	40.7	39.4	41.6	40.4	40.5
August ..	41.7	39.6	40.6	41.2	40.3	41.9	40.3	41.8
September	40.8	40.1	41.2	41.0	40.0	40.9	41.6	41.6
October .	41.7	40.7	40.6	41.0	40.0	41.2	41.0	40.5

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1970	$4.04	$3.78	$3.62	$3.84	$3.51	$4.18	$3.91	$4.03
1971	4.36	4.09	3.80	4.15	3.77	4.49	4.26	4.46
1972	4.68	4.48	4.15	4.50	4.06	4.74	4.67	4.88
1973	4.99	4.80	4.44	4.85	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.28	6.92	7.00	7.76
1978	7.39	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.30	10.27
1980								
October .	9.22	8.89	8.28	9.30	8.07	9.13	9.42	10.78
November.	9.14	9.12	8.43	9.11	8.23	9.21	9.44	11.01
December.	9.15	9.29	8.52	9.32	8.28	9.31	9.56	11.26
1981								
January .	9.19	9.27	8.52	9.26	8.27	9.32	9.59	11.34
February.	9.22	9.55	8.53	9.31	8.30	9.25	9.50	11.43
March ...	9.31	9.60	8.58	9.40	8.36	9.39	9.65	11.56
April ...	9.36	9.67	8.59	9.53	8.45	9.57	9.66	11.62
May	9.50	9.67	8.68	9.59	8.47	9.52	9.71	11.58
June	9.53	9.76	8.67	9.78	8.57	9.72	9.91	11.67
July	9.57	9.73	8.71	9.64	8.51	9.66	9.85	11.61
August ..	9.60	9.78	8.78	9.71	8.63	9.87	9.85	11.76
September	9.64	9.96	8.91	9.78	8.77	9.72	10.06	11.66
October .	9.71	10.05	8.94	9.85	8.92	9.90	10.06	11.61
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1970	$164.43	$152.33	$147.70	$154.75	$141.10	$170.36	$160.70	$161.20
1971	177.02	159.20	158.49	168.49	149.29	182.29	176.36	184.64
1972	197.03	181.89	173.89	190.35	164.02	201.45	196.14	201.06
1973	214.57	196.80	187.97	208.66	177.89	216.50	215.93	226.34
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.92	211.75	227.45	205.13	230.65	234.32	246.65
1976	253.44	244 3	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.93	273.14	260.89	292.75	245.02	301.02	298.90	313.59
1978	304.14	304.67	286.70	321.75	264.62	315.86	314.27	353.56
1979	321.57	330.68	303.3'	337.60	282.71	338.58	332.93	377.29
1980	361.98	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1980								
October .	386.32	340.49	340.21	362.23	317.46	382.55	392.81	429.04
November.	366.62	357.50	353.22	378.07	326.73	390.50	389.87	458.02
December.	388.88	375.32	362.95	397.03	334.51	401.26	398.05	469.54
1981								
January .	385.98	368.02	355.28	381.51	331.63	388.64	388.82	470.61
February.	382.63	382.00	349.73	381.71	329.51	379.25	390.05	464.06
March ...	390.03	386.88	352.64	389.16	333.56	388.75	397.58	471.65
April ...	394.06	386.80	350.47	392.64	335.47	401.94	394.13	479.91
May	402.80	387.77	359.35	398.94	337.95	397.94	400.05	472.46
June	404.07	394.30	358.07	411.74	341.94	413.10	403.28	489.14
July	400.98	387.25	356.24	392.35	335.29	401.86	397.94	470.21
August ..	400.32	387.29	356.47	400.05	347.79	413.55	396.36	491.57
September	393.31	399.40	367.09	400.98	350.80	397.55	418.50	485.06
October .	404.91	409.04	362.96	403.85	356.80	407.88	412.46	470.21

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